U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS						
Examiner Initials	Cite No.1	Document Number Number-Kind Code ² (if known)	tssue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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EFERENCES

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		WO 02/079217	10-10-2002	P. COLEMAN et al.		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1		
		W. M. LEE, "Hepatitis B Virus Infection," N. Engl. J. Med, 337: 1733-1745 (1997).	
		P. TIOLLAIS et al., "The hepatitis B virus," Nature, 317: 489-495 (1985).	
		W. H. GERLICH et al., "Functions of Hepatitis B Virus Proteins and Virus Assembly," Viral Hepatitis and Liver Disease, 121-134 (1991).	
		H. E. BLUM, "Variants of Hepatitis B, C and D Viruses: Molecular Biology and Clinical Significance," Digestion 56: 85-95 (1995).	
		H. OKAMOTO et al., "Genomic Heterogeneity of Hepatitis B Virus in a 54-Year-Old Woman who Contracted the Infection through Materno-Fetal Transmission," <i>Jpn. J. Exp. Med.</i> 57: 231-236 (1987).	
		W. CARMAN et al., "Viral genetic variation: hepatitis B virus as a clinical example," Lancet 341:349-353 (1993).	
		A.M. COUROUCE Ed., Karger AG, Basel, Switzerland, Bibliotheca Haematologica 42: Table of Contents, pp. 1-19, (1976).	
		H. NORDER et al., "Molecular basis of hepatitis B virus serotype variations within the four major subtypes," <i>J. Gen. Virol.</i> 73: 3141-3145 (1992).	
		H. NORDER et al., "Complete Genomes, Phylogenetic Relatedness, and Structural Proteins of Six Strains of the Hepatitis B Virus, Four of Which Represent Two New Genotypes," Virology 198: 489-503 (1994).	
		N. A. TERRAULT et al., "Incidence and Clinical Consequences of Surface and Polymerase Gene Mutations in Liver Transplant Recipients on Hepatitis B Immunoglobulin," Hepatology 28:555-561 (1998)	
		H. L. TILLMANN et al., "Mutational Pattern of Hepatitis B Virus on Sequential Therapy With Famciclovir and Lamivudine in Patients With Hepatitis B Virus Reinfection Occurring Under HBIg Immunoglobilin After Liver Transplantation," Hepatology 30: 244-256 (1999).	
		C. M. HUNT et at., "Clinical Relevance of Hepatitis B Viral Mutations," Hepatology 31: 1037-1044 (2000).	
		M. P. COOREMAN et al., "Vaccine- and Hepatitis B Immune Globulin-Induced Escape Mutations of Hepatitis B Virus Surface Antigen," J. Biomed. Science 8:237-247 (2001).	
		D. L. PETERSON et al., "Antigenic Structure of Hepatitis B Surface Antigen: Identification of the "d" Subtype Determinant by Chemical Modification and Use of Monoclonal Antibodies," J. Immunol. 132:920-927 (1984).	
		W. JILG, "Novel hepatitis B vaccines," Vaccine 16: S65-S68 (1998).	
		W. F. CARMAN et al., "Hepatitis B Virus Envelope Variation After Transplantation With and Without Hepatitis B Immune Globulin Prophylaxis," <i>Hepatology</i> 24:489-493 (1996).	
		R. MÜLLER et al., "Liver transplantation in HBs antigen (HBsAg) carriers," J. Hepatol. 13:90-96 (1991).	
		D. SAMUEL et al., "Liver transplantation in European Patients with the Hepatitis B Surface Antigen," N. Engl. J. Med. 329:1842-1847 (1993).	
		A. BRIND et al., "Evidence for selection of hepatitis 8 mutants after liver transplantation through peripheral blood mononuclear cell infection," <i>J. Hepatol.</i> 26:228-235 (1997).	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO Complete if Known Application Number 10/561,345 INFORMATION DISCLOSURE Filing Date December 20, 2005 First Named Inventor STATEMENT BY APPLICANT Udo KRUPKA Art Unit To be assigned (Use as many sheets as necessary) Examiner Name To be assigned Sheet 2 2 Attomey Docket Number 05552.1463-00

NON PATENT LITERATURE DOCUMENTS	
L. FISCHER et al., "Hepatitis B Virus Variants Associated With Clinically Severe Recurrence After Liver Transplantation," <i>Transplantation Proceedings</i> 31: 492-493 (1999).	
M. G. GHANY et al., "Hepatitis B Virus S Mutants in Liver Transplant Recipients Who Were Reinfected Despite Hepatitis B Immune Globulin Prophylaxis,," Hepatology 27:213-222 (1998).	
U. PROTZER-KNOLLE et al., "Hepatitis B Virus With Antigenically Altered Hepatitis B Surface Antigen Is Selected by High-Dose Hepatitis B Immune Globulin After Liver Transplantation," <i>Hepatology</i> 27: 254-263 (1998).	
W. F. CARMAN et al., "Genetic Variation in Hepatitis B Virus," Gastroenterology 102: 711-719 (1992).	
W. F. CARMAN, "The clinical significance of surface antigen variants of hepatitis B Virus," <i>J. Viral Hepatol.</i> 4(suppl 1): 11-20 (1997).	
P. D. SWENSON et al., "Determination of HBsAg subtypes in different high risk populations using monoclonal antibodies," <i>J. Virol. Meth.</i> 33: 27-28 (1991).	
 L. BLITZ et al., "Antigenic Diversity of hepatitis B Virus Strains of Genotype F in Amerindians and Other Population Groups from Venezuela," <i>J. Clin. Microbiol.</i> 36: 648-651 (1998).	
P. G. ASHTON-RICK ARDT et al., "Mutations That Change the Immunological Subtype of Hepatitis B Virus Surface Antigen and Distinguish Between Antigenic and Immunogenic Determination," <i>J. Med. Virol.</i> 29: 204-214 (1989).	
 K. I. OHBA et al., "Relationships between serotypes and genotypes of hepatitis B virus: genetic classification of HBV by use of surface genes," Virus. Res. 39: 25-34 (1995).	
W. F. CARMAN et al., "Fulminant reactivation of hepatitis B due to envelope protein mutant that escaped detection by monoclonal HBsAg ELISA," Lancet 345: 1406-1407 (1995).	
 H. OKAMOTO et al., "Mutations within the S Gene of Hepatitis B Virus Transmitted from Mothers to Babies Immunized with Hepatitis B Immune Globulin and Vaccine," <i>Pediatr. Res.</i> 32: 264-268 (1992).	
Y. Y. ZHANG et al., "Increasing Heterogeneity of the 'a' Determinant of HBsAg Found in the Presumed Late Phase of Chronic Hepatitis B Virus Infection," J. Infect. Dis. 28: 9-15 (1996).	
 A. J. ZUCKERMANN et al., "Mutations in S region of hepatitis B virus," Lancet 343: 737-738 (1994).	
T. F. SMITH et al., "Comparison of Biosequences," Adv. Appl. Mathem. 2: 482-489 (1981).	
R. M. SCHWARTZ et al., M. D. Dayhoff, Ed., "Matrices for Detecting Distant relationships," <i>Atlas of Protein Sequence and Structure Suppl 3</i> , pp. 353-358, Nat. Biomed. Res. Found., Washington D. C. (1978).	
M. GRIBSKOV et al., "Sigma factors from E. coli, B. subtilis, phage SP01, and phage T4 are homologous proteins," Nucleic. Acids Research 14: 6745-6763 (1986).	
J. SAMBROOK et al., Molecular Cloning, Volume I, pp. xi-xxxviii, Cold Spring Harbor Lab. Press (1989).	
F. M. AUSUBEL et al., Current Protocols in Molecular Biology, pp. iii-xviii, Greene Publishing (1992).	
G. KÖHLER et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," Nature 256: 495-497 (1975).	
L. T. MIMMS et al., "Discrimination of Hepatitis B Virus (HBV) Subtypes Using Monocional Antibodies to the PreS1 and PreS2 Domains of the Viral Envelope," Virology 176: 604-619 (1990).	

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